MANY WHETSTONES SHOWN IN EXHIBIT

Their Growth and Evolution With Developments of Man Illustrated at Old Museum.

The growth and evolution of whetstones with the developments of the arts of man, is illustrated in an exhibit in the division of mineral technology in the old National Museum

There is a special form of whetstone for nearly every purpose and these are all shown in the exhibit that embraces proper sharpeneing stones or abrasives uses in various professions and trades and in household work, in their finished state with photographs showing the methods of mining and manu-

Probably the first stone used for, abrasive purposes was sandstone, a very widely distributed rock, and it is still used today. Its coarse grit and even grain first attracted attention, while the rough edge that it gave was all that was then required. With the progress of the arts there began a search for various stones which could be used for sharpening objects of differences and to the could be used for sharpening objects of differences and the could be used for sharpening objects of differences and the could be used for sharpening objects of differences and the could be used for sharpening objects of only ferent sorts, so that today, not only sandstones, but mica schists, slates, and emery stones are used, besides several artificial compounds.

Found In Arkansas.

The hard, white, compact sandstones found near Hot Springs, Ark., are among the best whetstones known, equaling, if not surpassing, the Turkey stone which for years has been considered one of the best. Arkansas stone is known as Novaculite, and occurs in two or three grades, intended for use with certain tools. The hard, flint-like stone should be used only to sharpen instruments made of the very best steel, requiring very keen edges and points, such as those used by surgeons, dentists, and jewelers. The other grades, although composed of the same ingredients, are more porous the same grains are not selected to the same and a rougher edge.

composed of the same ingredients, are not as close together, and a rougher edge is given to the sharpened tool. Because of their more porous nature, these stones cut faster, proving suitable for the finer edged tools of carpenters, machinists, and engravers, and for honing razors.

Indiana and Ohio supply a whetstone made from a sandstone of a coarser grain than the Novaculite of Arkansas, but nevertheless quite uniform. It may be used with either oil or water, and is useful for sharpening household cutlery, penknives or ordinary carpenters' tools. But since it is easily cut and groved by hard and sharp steel, the fine instruments of dentists and surgeons should not be edged or pointed on this stone.

Composed of Mica.

Composed of Mica.

Scythestones and mowing machine stones are practically all made from mica schist rocks found in New Hampshire and Vermont. These rocks are generally of a dark gray color, composed of very thin sheets of mica and quartz crystals interlaminated. The grit of the schist is not as sharp as that of the sandstone, because it contains foreign material other than silicia which prevents the quartz grains from abrading freely.

Mica schist stones wear down quickly from constant use—an advantage rather than a disadvantage, for as they wear down, more of the hard silica grains are exposed to do the sharpening. are exposed to do the sharpening. Neither oil nor water is needed to keep the pores of the stone open, as with other whetstone rocks. Scythes require stones with these qualities, and consequently much schist rock is made into Some of the fine grained edges are made into carpenters' bench

stones.

A simple experiment made about ifteen years ago led to the discovery of carborundum and crystolon. By heating a mixture of salt, sand, sawdust, and powdered coke in an electric fur-nace, the variegated colored crystals of carborundum and crystolon were pro-

These crystals are extremely hard cutting glass easily, and, in fact, al-most any substance except the diamond; are intensely sharp, and infusible at any known heat—properties peculiarly adaptable for grinding prposes and for refractory materials. The carborundum and crystolon crystals are removed from the electric furnace after a thirty-six-hour run, washed with a dilute acid solution, ground, and sized. Eight or ten diffirent sizes of grains are obtained, and a corresponding number of grades of wheels and stones are made from

Mixed Into Paste.

The graded grains of these substances are mixed into a paste with a bond of porcelain, water glass, or rubber, and molded into many varied forms of stones and wheels. After air drying, the raw wheels are put into kilns and baked, and are then ready for use. There are wheels for all kinds of work, varying from three feet in diameter for use in foundries, to one-quarter inch

for dental work.

Besides the wheels, these hard, sharp crystals are made into razor and knife cones, paste for valve grinding, and glued to cloth to be used like sand and emery paper. The crystal grains are used by gem and stone cutters, and for

used by gem and stone cutters, and for sawing building stones.

Emery cloth and paper are very well-known commodities, but are little used today because the artificial abrasives are just as effective and cheaper. Experiments to obtain an artificial product having the main characteristics of emery resulted in the making of alundom and alexite, both of which are shown in the museum series.

London Woman Police Praised as Efficient medicinal whiskey.

LONDON, March 12.-The corps of women police in London, numbering fifty, is doing good work, says Mrs. Edith Watson, one of its organizers.

The most important point, she said, was that the regular police had welcomed them and asked for their help in a variety of ways.

All the women taking part in the work were instructed in police court procedure.

All the women taking part in the work were instructed in police court procedure and had to know a district thoroughly before they went on duty.

Courses were held on various subjects, but the most, valuable qualities were tact and discretion. Useful work had been done in helping soldiers and refugees at railway stations, and children on their way back from school through the dark streets had been assisted and protected.

Fire Is Still Raging In Dakota Mine Pit

BISMARCK, N. D., March 12.-Telephone messages early today confirmed the statement that the fire raging in the abandoned lignite pit in Adams county still is beyond control.

The flames are sweeping 10e to 20e feet bigh above the entrance. The pit will be flooded and then if reasoble water will be emptied in a control of the respective tion.

WOMEN NAMED IN MAYO'S LIFE

MRS. VIRGINIUS J. MAYO, alleged to have been his first wife and the mother of a daughter.

MRS. FLORENCE WEEKS MAYO, of Scranton, Pa., alleged wife No. 2, who insists she married Mayo, a reputed bachelor in 1890. and had three daughters.

MRS. VIRGINIUS J. MAYO of New Haven, Conn., his present wife.

MRS. DUDLEY"-Lois Waterbury - of Brooklyn-Mayo's former stenographer and alleged mother of twe children as his "love wife." LILLIAN MAY COOK, form-

erly of Brooklyn, Mayo's stenographer, who shot herself last week.

SUSAN M. WAHLERS, of New Haven, who claims alleged relations with Mayo as his former stenograpper.

Funerals

William H. Walton.

The funeral of William H. Walton will be held Monday afternoon from Schippert's undertaking rooms, Members of Columbia Typographical Union. No. 101, I. T. U., will have charge of the services, and interment will be in Rock Creek Cemetery.

Mrs. Viola L. Thomas.

The funeral of Mrs. Viola L. Thomas widow of Prof. Cyrus Thomas, will be held this evening at 7 o'clock from her residence, 3025 Fifteenth street northwest. Interment will be in Fred-erick, Md., tomorrow.

J. Orville Johnson.

The funeral of J. Orville Johnson eighty-one years old, who died at the home of his daughter. Mrs. Foster Causey, 324 Tenth street southeast, will be held tomorrow afternoon at 2:30 o'clock from Wright's chapel.

George W. Allison.

The funeral of George W. Alliso will be held tomorrow afternoon at 3 o'clock from Sergeon's Chapel. Inter-ment will be in Glenwood Cemetery.

Mrs. Cora Hassel.

The funeral of Mrs. Cora Hassel, wife of George H. Hassel, was held this afternoon from Hindle's Chapel. The body will be t will be taken to Springfield, Ohio

Mrs. Luvie Jones Butler Moore. The funeral of Mrs. Luvie Jones But-ler Moore, wife of Capt. D. T. Moore, U. S. A., will be held tomorrow after-noon at 2 o'clock from the home of her parents, Mr. and Mrs. A. B. Butler, 1744 R street northwest. Interment will be in Arlington National Cemetery.

Bostonian Lectures on

Speaking on "The Emancipation of the Hebrew," before the Ahavas Zion So-ciety, at 1223 Sixth street northwest, last night, Aaron Prussian, of Boston, pre-dicted that one of the results of the European war will be a greater national individualism. He said that the individualism. He said that the out-rage perpetrated against the Belgians will never be repeated in history.

They Come From Three States. New Haven Millionaire Remains in Closest Seclusion.

NEW HAVEN, Conn., March 12.—Six War Department.

"We do not desire to put ourselves forward as proponents of militarism," women were today enrolled in the trail of heart affairs of Virginius J. Mayo, New Haven millionaire.

They came from at least three States. The identity of some remains a mystery. With others, Mayo's alleged relations are still clouded in a tangle of assertions and denials.

Tennsylvania authorities are investigating charges of Mrs. Virginius Mayo, of Scranton, that she was Mayo's set of Scranton set of Scran

Pennsylvania authorities are investi-gating charges of Mrs. Virginius Maye, of Scranton, that she was Mayo's sec-ond wife. They also sought to unfold identity of the alleged former wife, whom the Scranton woman asserted

The Scranton Mrs. Mayo was reported prostrated and confined to her bed to-day. She has retained counsel. The present Mrs. Mayo, of New Haven, a former stenographer of her husband, while refusing to indicate her probable course of action was reported to be

while refusing to indicate her probable course of action, was reported to be planning a divorce suit.

Mayo was further involved by Miss Susan M. Wahlers, of New Haven, who claims relations with the millionaire.

The father of Lillian M. Cook, of Brooklyn, Mayo's stenographer who killed herself last week, is satisfied that the body buried last Tuesday was really that of his daughter.

Mayo continued in closest seclusion. He has practically abandoned his club and authorizes discussion of his case only through his lawyers.

Woman Killed Husband, Son, and Self, Police Say

NEWARK, N. J., March 12.-The odies of William Bradley, shot through the head; his five-year-old son, William, jr., shot through the heart, and that of Mrs. Bradley with a bullet wound in the head, were found by neighbors who entered the Bradley home.

The police believe that Mrs. Bradley shot her husband and son during a quarrel and then killed herself. Bradley's body was in the kitchen, the boy's on a bedroom couch, and Mrs. Bradley's on the bedroom floor. A revolver was under Mrs. Bradley's body. Mrs. Bradley with a bullet wound in

Du Ponts to Make War Munitions in Virginia

NEW YORK, March 12.-Credence is lent to the report that the belligerents are getting the bulk of their ammuniare getting the bulk of their ammunition from this country by a statement
issued by Pierre S. du Pont, president
of the du Pont Powder Company, admitting the reception of huge war orders.
Details of the orders are withheld
as being confidential, but it is admitted
that they are so large that they have
necessitated erection of additional factories at James river, Virginia, for their
manufacture. manufacture.

Crop Estimate Bureau Gives Out Wheat Report

Country mills and elevators now hold bout 86,000,000 bushels of wheat, as compared to 94.000,000 bushels a year ago, and 118,000,000 bushels two years ago, according to estimates made by the Bureau of Crop Estimates.

Among the States, Washington holds the largest amount, 6,634,000, as against 9,534,000 a year ago.

the United Hebrew Emancipation per cent was held; this year 9.7 per cent.

Stork Visits Whitmans.

ALBANY, N. Y., March 12.-The stork visited the executive mansion for the second time in history, and left Gover nor Whitman smiling. It was a husky boy, the governor's second child. Mrs. Whitman and the new arrival are doing

Why Duffy's 🚨 Pure Malt

is a Medicinal Whiskey

Authorities generally agree that good, pure whiskey possesses medicinal value. Both as a stimulant and tonic its use by profession and laity is widespread.

Because of this fact the U.S. Pharmacopoeia (the Government authority on medicines and their proper preparation) has established a standard of purity for

Duffy's Pure Malt Whiskey meets the Government Standard by a costly process. First of all it is made of grain entirely malted, although the Government Standard does not require that all the grain be malted. As only clean and sound grain can be malted, inferior or defective grain never enters Duffy's, but only the most selected grains, including barley, are used. This careful selection gives Duffy's a medicinal value far superior to the average whiskey used for beverage pur-

Duffys Pure Malt Whiskey

then is a refined distillate, properly aged to acquire smoothness and flavor, without noxious substances to disturb or irritate the stomach or nervous forces.

These are reasons why Duffy's Pure Malt Whiskey does not even taste like other whiskies; why Duffy's is recognized generally as the one medicinal whiskey; and why, when ou need a real tonic and stimulant, you should remember to "Get Duffy's and Keep Well." For the ed. for those who are "run down," for persons suffer-

h disorders, nervo sne ider-up of the whole system, Duffy's Pure Malt Whisrought quick and positive results. It's "a medicine for all mankind.

Sold in SEALED BOTTLES ONLY. Beware of imitations.

Get Duffy's from your local druggist, grocer or dealer, \$1.00 per bottle. If he cannot sup-ply you, write us; we will tell you where to get it. Medical booklet free.

The Duff: Malt Whiskey Co., Rochester, N. Y.

For G.W.U.Students PILING UP EVIDENCE

OF VIRGINIUS MAYO Weekly Publication Supports Plan of Summer Training of

> War Department. Students of George Washington University have joined in the demand for a more effective national defense and The Hatchet, the weekly student publication, in its current issue prints an editorial urging the students to take advantage of the summer in-

sane preparedness for the public efense. We believe the angual mili-

when we say such a war is possible. College men must aid in providing insurance against such a possibility."

"Hit-'Em-on-the-Head'

Refuses to End the

ALBANY, March 12.—Coney Islanders will not lose the pleasurable thrill of throwing baseballs at a colored man's head. A bill to prohibit colored men as targets was defeated in the senate.

Three German Generals Are Retired by Kaiser

THE HAGUE, March 12.-The Kaiser nas decided to place three generals— You Glasenapp, Von Grabow and Von Deohm—on the retired list, because he olds these generals responsible for the ecent German rout on the Niemen.
The German public knows nothing of

Farmer's Wife Earns Car. CULVER, Kan., March 12.-Last summer before D. H. Knott threshed his

wheat he decided to hold the crop for a higher price. He built granaries and repaired others on his farm, and be secured his wife's services in assisting. When the work was completed Mrs. Knott said, "Now, husband, what am I to get for my services?" "Well, when wheat reaches \$1.50 I will ell and we will have a motor car," was

he answer. The wheat is sold and Mrs. Knott is waiting for the automobile.

Salmon Day on Coast. SAN FRANCISCO, March 12 .- This ! Salmon day on the Pacific coast. In recognition of one of the great industries of the whole coast country ban-quets and luncheons are being held in all the larger Alaskan. British Colum-bia and Pacific coast cities. Dining cars and steamships running into and out of this city served a canned salmon menu This is third annual observance of can-ned salmon day. The idea of the obser-vation is to foster and encourage the

salmon industry.

Government Places on Stand Other Witnesses to Corruption in Terre Haute.

INDIANAPOLIS, March 12. - Witnesses who have confessed to conspiring with Mayor Donn M. Roberts and others to corrupt the election of Terre Haute, were placed on the stand today

The Government today shifted from Ed Holier, former police chief, to re-peaters, who told of novel methods at the polls.

John Bruns said he registered falsely "six or seven times," and added:
"When I went into vote in my own precinct. Eno Harms, city hall custodian, was standing near the voting machine, holding a long stick. When I came up, holding a long stick. holding a long stick. When I came up, he struck down every Democratic key with the stick, and another man slammed down the lever. Not a word was said. Harms gave me a check, and I cashed it in Buster Clarke's saloon."

Jess Klippert said he was employed by Roberts to drive an automobile. There was a laugh when Klippert testified that Hilton Redman, son of Judge Redman, told him to keep away from

Redman, told him to keep away from repeaters.
"Did he tell you where these fellows would be?" District Attorney Dailey asked him.
"Well, he told me to keep away from
Democratic headquarters," said Kilp-

pert.
During the testimony of former Chie During the testimony of former Chief of Police Holler, who had pleaded guilty, the defense by Attorney Stanley objected to a recital of a conversation between Holler and Jack Hines, a Tenderloin ward boss.

Stanley contended a conspiracy has not been established. Finally the court asked if Mr. Stanley's position was that a conspiracy had not been established. Stanley answer yes, and ludge Anderson said: udge Anderson said:
"I say it has."
"Mayor Roberts told me to make out

about 2,500 registration applications for the last election," Holler testified.

Well Understood.

The Man-Of course, you understand lear, that our engagement must be kept The Woman-Oh, yes, dear' I tell everybody that.-New York American.

CASTORIA For Infants and Children

In Use For Over 30 Years the Signature of Chart Ilitates

Why Florida Oranges and Grapefruit are Superior Sunshine is the prime factor in grow-

ing fruits-they must have it in abundance. In Florida, as nowhere else, the life-giving sun sheds its glories on thousands of orange and grapefruit groves while the fruit is developing and ripening. Only tree-ripened oranges and grape-

fruit are good. Citrus fruits are never picked by the conscientious growers of Florida until fully ripe. Then the consumer gets only mature, mellow-looking globes, filled with juice that is liquid gold

None but white-gloved workers handle oranges and grapefruit in the packing houses of the Florida Citrus Exchange. This organization of progressive growers was formed for the mutual protection of themselves and of consumers of the fruit.

►Good oranges and grapefruit alone are packed for shipment in Exchange houses. Across the end of each house is painted in large letters "Every doubtful orange

is a cull; don't pack culls." The fruit is washed and scrubbed, enclosed by whitegloved workers in tissue paper wrappers. The trade mark of the Florida Citrus Exchange is a guarantee of quality and a protection against unripe oranges and grapefruit. Ask your dealer for Exchange fruit and look for its mark in red on boxes and wrappers.



My Guaranteed Dental Work

Insures relief from tooth troubles for 20 years, for I agree to repair without charge any defect which may arise in that time. This guarantee, together with my low prices and painless methods, insures absolute satisfaction.

Fillings in Gold, Silver, Platinum and 50c to \$

Gold Crowns and Bridge Work, \$3, \$4 and \$5



Will Not Slip

er Drep 427-429 7th St. N. W. Hours, 8 c. m. to 8 p m Sundays, 10 to 4.

Opp. Lansburgh & Bro., Over Grand Union Tea Co. Larg-

Village Election Due Best Laxative But No Candidates

Model and Modest Officials Have Not Even Filed Their Nomi-

village is so well pleased with its of-ficers that, although the annual elec-tion comes next Tuesday afternoon, not a single man has come forward to coma single man has come forward to compete with them for their jobs.

The model officials are: President, Samuel Robbins; treasurer, John K. Semmis; collector, Frank Gardiner; trustees whose terms expire, William Carll, jr., and B. H. Blydenburgh.

So modest are these officials that they have not taken advantage of the law requiring petitions of candidates to be filed within fifteen days of the election. Their names will have to be written upon the ballots, or Northport will awake on Wednesday morning with no president or other officials.

The annual budget for running the village's affairs amounts to \$400.

nation Papers.

NORTHPORT, L. I., March 12 .- This

General Scott Fails to Pacify Ute Indians

BLUFF, Utah, March 12.—The party f eight deputies believed to have been mbushed by the rebellious Plute Indians near Douglas Mesa have not yet been heard from. Marshal Nebeker has sent out parties to look for them. It is expected that Marshal Nebeker will advance against the Indians Satur-General Scott's efforts to effect peace have been unsuccessful.

A Ute who came into Bluff today said that the Indians had procured plenty of ammunition from Mexican sheep

Dinner To Be Given at Washington Canoe Club

A dinner will be given at the Wash-ngton Canoe Club tomorrow night. The committee in charge includes it.
G. Finenaur, chairman; O. L. Whipple,
C. E. Hall, W. R. Garrett, J. W.
Burch, G. Good Cressey, J. C. Wheeler,
and H. P. Hunting.

For Children

When your baby is cross and fret ful instead of the happy, laughing little dear you are accustomed to, in all probability the digestion has become deranged and the bowels need attention. Give it a mild laxative, dispel the irritability, and bring back the happy content of

babyhood. The very best laxative for children is Dr. Caldwell's Syrup Pepsin, because it contains no opiate or narcotic drug, is pleasant tasting and acts gently, but surely, without griping or other distress. Druggists sell Dr. Caldwell's Syrup Pepsin at fifty cents and one dollar a bottle For a free trial bottle write to Dr. W. B. Caldwell, 452 Washington st., Monticello, Ill.

Keeping Lungs Strong

This advice is doubly important with the knowledge that every three minutes some one in the United States succumbs to consumption and many refuse to realize they are afflicted until too late.

It is after colds or sickness, from overwork, confining duties or when general weakness exists, that tubercugerms thrive because the resistive

powers of the body are weakened. Only with fresh air, sunshine and abundant rich blood can one hope to arrest their progress, and the concen-trated fats in Scott's Emulsion furnish fuel for rich blood, and its rare nourishment helps strengthen the lungs while it builds up the forces.

If you work indoors, tire easily, feel languid or run-down, Scott's Emulsion is the most strengthening food-medicine known and is free from alcoholor stupefying drugs. Avoid Substitutes, 14a63 Scott & Bowne, Bloomfield, N. J.

SUIT SPECIAL FOR SATURDAY ONLY

\$15.00 Newest Spring Coat Suits (For One) Only 30 Suits in lot, and they'll go fast at this price. Handsome novelty "Piping Rock" models; so popular this season. Made of strictly all wool fine storm serge in all the wanted spring shades. Finely silk lined and superbly tailored, all sizes......

"Where Your Dollars Count Most" REHREND? 720-722-724 Seventh St. N. W.

BIG SATURDAY SALE OF Dresses, Waists and Skirts

Stunning \$10.00 Serge and Silk Dresses Handsome new spring Dresses of all silk poplin, satin, wool crepe, and serge. Made in all the latest models including the braid trimmed coatee—the gathered yoke skiri with lace yoke bodices. the military styles, etc. Every color and size.

\$16.50 Beautiful Dresses These Dresses of taffeta, crepe de chine and

These Dresses of taffeta, crepe de chine and satin are exact reproductions of gowns selling to \$22.50. Newest 1 and 2-piece styles, some having combination bodices of silk chiffon, Beautiful spring coloring. \$4.50 Dress Skirts

Different styles from what you've had or seen. Made of all wool storm serges, crepe cloths, and novelty diagonals in wide flared or circular gored styles, with or without yokes, plain or pleated. Blue and gray.

\$3.00 Newest Crepe de Chine and Lace Waists Very large assortment to select from of all silk crepe de chines, all-over laces and silks in plain shades or stylish stripes. Nobby tailor-made styles with "Hy-Lo" collars or richly lace trimmed waist. Every color.

Exquisite Crepe and Voile Waists At least 40 entirely new styles of exquisitely lace and embroidery trimmed waists in models totally different from those shown elsewhere.

89c White and Colored Waists

Fretty White Lawn Waists with entire fronts of fine lace and embroid. 45c ery insertions. Made with trimmed "Lilly" collars and long sleeves. All sizes. Also nobby tailored garments with pockets and new "Hy-Lo" collars. White and colors.



All odds and ends f best known makes of Corsets, in long, short or medium lengths, with high or low busts. Heavy or light weights and finished with 4 support-

ers. All sizes.



rare chance to such aplendie and linens in pret ty plain shades or checks. Dozens new overskir styles to selec from: 2 to 1 selec from:



ing colored sill

stitchings; all

5c UNBLEACHED COTTON..... 5,000 yards of good quality round thread Muslin, close 8 woven. Remnants of 5c quality. Limit, 10 yards.



Saturday Very Special · Millinery Surprise Trimmed Hats, \$1.49 Surprisingly pretty II a t a h o w n here.

dashing styles distinctively

new, every wanted color Best quality of trimmings used, Wreaths, Quills, Vel-vets, Sticks-Hats Trimmed Free

122c Yard-Wide Percales Full yard-wide Light-ground Percales, in a large collection of stripes, checks dots, and figures. Also 22-in-h-wide Dark like, Medium Blue, and Gray ground Percales; all neat and pretty designs.